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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/535,637	11/23/2005	Declan Patrick Kelly	CN020017US	7684

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EXAMINER

TOWFIGHI, AFSHAWN M

ART UNIT	PAPER NUMBER
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2469

NOTIFICATION DATE	DELIVERY MODE
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03/24/2011

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No.	Applicant(s)	
	10/535,637	KELLY ET AL.	
	Examiner	Art Unit	
	AFSHAWN TOWFIGHI	2469	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 February 2011.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-11,13,14,21,23-31,33 and 38-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-11,13,14,21,23-31,33 and 38-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1, 3-11, 13, 14, 21, 23-31, 33 & 38-40 are pending.
2. Claims 1 and 21 have been amended.

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2/18/11 has been entered.

Response to Arguments

1. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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3. Claims 1, 3-5, 8-11, 13, 14, 21, 23-25, 28-31, 33 & 38-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over International Patent Application Publication No. WO 02/15024 A1 to Siah, et al. (Siah), in view of Heo (Patent No: 6,741,796).

1. **Regarding claim 1**, Siah teaches a WebDVD player (See page 5, lines 9-15, a networked DVD player), comprising: a local database (See page 11, lines 20-22; wherein the database in the flash memory is local to the DVD player) including at least a plurality of universal resource locators (URLs) associated with corresponding ones of a plurality of websites associated with corresponding ones of a plurality of content providers (See page 10, lines 11-19; wherein each of the URLs is a website address and thus is inherently associated with a website), a plurality of expected title identifications associated with corresponding ones of said plurality of content providers (See page 11, lines 18-19; wherein the searched for records are the title identifications), a method for deriving a title identification (See page 5 lines 20-25 and page 14, lines 20-31 for a first method, and page 15, lines 5-19 for a second method) and a location defining a pre-selected location containing information upon which selected method operates (See Figure 8, the C-PBIT info. This is a location that has pre-selected information used to derive the Title ID.); means for deriving a title identification (Title_ID) of a legacy DVD disc, the Title_ID being a unique identifier of a title of the legacy DVD disc, wherein the Title ID is derived in accordance with a selected method and the information in the pre-selected location (See page 7, lines 19-20; wherein the unique DVD signature is an identifier of the title of the DVD); and means for linking the

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disc to a related web site based on the derived Title ID (See page 9, lines 24-25, linked to an information server).

Siah does not teach a title identification deriving method value, said value associated with selection of a method for deriving a title identification for each of said content providers, said method being selected from the group consisting of: a read operation and an algorithmic operation

Heo teaches a title identification deriving method value (See Col 27 Lines 55-65, ATSI MAT is the value used to determine the algorithm method to use to derive the title), said value associated with selection of a method for deriving a title identification for each of said content providers, said method being selected from the group consisting of: a read operation and an algorithmic operation (See Col 27 Lines 55-65, determine the algorithmic operation to use to derive the DVD title). It would have been obvious to one of ordinary skill in the art at the time of invention to combine the teachings of Siah and Heo to store an identification deriving method value, because Heo teaches methods for playing back information stored on a disc that is coded in a specific format like Siah (Heo L5-67).

2. **Regarding claim 3**, Siah and Heo teaches means for determining whether the derived Title_ID matches an expected title identification value indicated in the database

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that is associated with the specified method (Siah, See page 11, lines 18-24; wherein ID's that lead to found records are expected values).

3. **Regarding claim 4**, Siah and Heo teaches means for retrieving a universal resource locator (URL) in the database that is associated with the expected title identification value if the derived Title_ID matches the expected title identification value (Siah, See page 10, lines 3-4).

4. **Regarding claim 5**, Siah and Heo teaches deriving the Title_ID by reading a unique identifier from a pre-selected location of the disc (Siah, See page 7, lines 19-21; wherein the C-PBIT is different for every movie, i.e., unique, and the C-PBIT is located in a pre-selected area of the disc).

5. **Regarding claim 8**, Siah and Heo teaches deriving the Title_ID by reading a Volume Set ID in a Universal Disc Format (UDF) file system of the disc (Siah, See page 13, lines 14-17; wherein the volume descriptor is the equivalent of volume set ID, and the Universal Disc Format is inherently used).

6. **Regarding claim 9**, Siah and Heo teaches deriving the Title_ID by reading selected data available on the disc (Siah, See page 7, lines 19-21, reading data).

7. **Regarding claim 10**, Siah and Heo teaches means for retrieving a provider unique identification (PVR_ID) from the disc (Siah, See page 13, lines 15-17); wherein the Title_ID is derived based on the retrieved PVR ID of the disc (Siah, See page 13, lines 15-17; wherein the Title Information is applicant's Title ID).

8. **Regarding claim 11**, Siah and Heo teaches means for determining whether the retrieved PVR ID matches a corresponding URL in the list (Siah, See page 14, lines 10-

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13); and means for searching through the title identifications in the table that are associated with the corresponding URL for finding a matching Title_ID (Siah, See page 13, lines 3-5).

9. **Regarding claim 13**, Siah and Heo teaches if the derived Title_ID fails to match any expected title identifications in the table, the linking means links the disc to a general web site of a content provider using the corresponding URL (Siah, See page 11, lines 26-28, and page 12, lines 7-9).

10. **Regarding claim 14**, Siah and Heo teaches means for accessing a source web site, if the derived Title ID does not match any expected title identification in the table, the source web site containing a database which includes a list of universal resource locator (URL) links to related web sites and their associated PVR_IDs and Title_IDs (Siah, See page 11, line 26 to page 12, line 4); means for searching a corresponding URL in the source web site database based on the retrieved PVR_ID and derived Title_ID (Siah, See page 12, lines 3-9; wherein the DVD information server includes the web site database); and means for linking the disc to a related web site using the corresponding matching URL (Siah, See page 12, lines 23-25).

11. **Regarding claim 21**, this claim recites a method for operating the WebDVD player of claim 1, and is rejected for the same reasons.

12. **Regarding claim 23**, this claim recites a method for operating the WebDVD player of claim 3, and is rejected for the same reasons.

13. **Regarding claim 24**, this claim recites a method for operating the WebDVD player of claim 4, and is rejected for the same reasons.

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14. **Regarding claim 25**, this claim recites a method for operating the WebDVD player of claim 5, and is rejected for the same reasons.

15. **Regarding claim 28**, this claim recites a method for operating the WebDVD player of claim 8, and is rejected for the same reasons.

16. **Regarding claim 29**, this claim recites a method for operating the WebDVD player of claim 9, and is rejected for the same reasons.

17. **Regarding claim 30**, this claim recites a method for operating the WebDVD player of claim 10, and is rejected for the same reasons.

18. **Regarding claim 31**, this claim recites a method for operating the WebDVD player of claim 11, and is rejected for the same reasons.

19. **Regarding claim 33**, Siah and Heo teaches accessing a source web site, if the derived Title_ID does not match any expected title identification in the table, the source web site containing a database which includes a list of universal resource locator (URL) links to related web sites and their associated PVR_IDs and Title_IDs (Siah, See page 11, line 26 to page 12, line 4); searching a corresponding URL in the database based on the retrieved PVR_ID and derived Title_ID (Siah, See page 12, lines 5-9); and linking the disc to a related web site using the corresponding matching URL (Siah, See page 12, lines 23-25).

20. **Regarding claim 38**, Siah and Heo teaches means for periodically updating the database and the table stored by the storing means with information from the source web site (Siah, See page 11, lines 26-28).

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21. **Regarding claim 39**, Siah and Heo teaches means for caching an address of a website address each time the web site is accessed (Siah, See page 4, lines 7-9; wherein the PC inherently includes a cache memory).

22. **Regarding claim 40**, Siah and Heo teaches means for allowing a user to manually update the database and the table stored by the storing means with new information (Siah, See page 11, lines 28-30; wherein user input is required to update the DB; and, page 13, lines 12-13).

23. Claims 6-7 & 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Siah and Heo, as applied to claims 1 and 25 above, in view of Collart (Patent No: 6,405,203).

24. **Regarding claims 6 & 26**, Siah and Heo teaches the invention as described in claims 1 and 25. Siah and Heo does not specifically teach that the pre-selected location on the disc for the unique identifier is the burst cutting area. However, Collart teaches the pre-selected location on the disc for the unique identifier is the burst cutting area (Collart, Col 6 L3-5, the burst cutting area is a well known and obvious area to place a unique identifier on a disc). It would have been obvious, to one of ordinary skill in the art, at the time of the invention, to place the unique identifier in the burst cutting area of a DVD, since doing so would have provided a well known, standard, location for the identifier, thereby making the unique identifier easy to find for security, support and retail related features (Col 4 L35-39).

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25. 26. **Regarding claims 7 & 27**, Siah and Heo teaches the invention as described in claims 1 and 25. Siah and Heo does not specifically teach that the pre-selected location on the disc for the unique identifier is a private data sector. However, Collart teaches the pre-selected location on the disc for the unique identifier is a private data sector (Collart, Col 6 L3-5, the burst cutting area is a well known and obvious area to place a unique identifier on a disc. BCA is private because it must be decoded). It would have been obvious, to one of ordinary skill in the art, at the time of the invention, to place the unique identifier in a private data sector of a DVD, since doing so would have provided a well known, standard, location for the identifier, thereby making the unique identifier easy to find for security, support and retail related features (Col 4 L35-39).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AFSHAWN TOWFIGHI whose telephone number is (571)270-7296. The examiner can normally be reached on Monday - Friday 9:00 A.M. to 6:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ian Moore can be reached on (571)272-3085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. T./
Examiner, Art Unit 2469

/Ian N. Moore/
Supervisory Patent Examiner, Art Unit 2469